

Title (en)

CAMERA WITH CALIBRATION DEVICE FOR HAIR ANALYSIS

Title (de)

KAMERA ZUR HAARANALYSE MIT KALIBRIERVORRICHTUNG

Title (fr)

CAMÉRA SERVANT À L'ANALYSE DES CHEVEUX COMPRENANT UN DISPOSITIF D'ÉTALONNAGE

Publication

**EP 3558052 B1 20240207 (DE)**

Application

**EP 17832924 A 20171212**

Priority

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Abstract (en)

[origin: WO2018114446A1] The invention relates to a calibration method and a calibration means for calibrating a camera and to a method and system for the computer-aided determination of hair colour information. A method and a calibration means for calibrating a camera are provided in various embodiments. The method can include: Recording a digital image of at least one piece of calibration information on at least one fibre from a plurality of fibres made of natural hair or natural-hair-like fibres by means of a camera; determining the at least one fibre in the digital image by means of at least one marker; determining a plurality of colour values from a plurality of reference colours as the calibration information on the at least one fibre in the digital image, wherein a reference colour value is assigned to each reference colour; and assigning the determined colour value of the plurality of determined colour values to the associated reference colour value of the plurality of reference colour values. The calibration means can have: At least one fibre from a plurality of natural hair fibres or natural-hair-like fibres, a plurality of different reference colour structures applied on the at least one fibre, and at least one marker to determine the at least one fibre in a digital image.

IPC 8 full level

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CPC (source: EP US)

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